

This is a RED Stamp

**ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL**

Manual No.: 5-21200-OPS-EE
Procedure No.: Table of Contents, Rev 5
Page: 1 of 2
Effective Date: 03/18/93
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

**VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
VOLUME VI: AIR (AP)**

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FOR VOLUME V: ECOLOGY**

Procedure No.	Title	Rev. No.	Effective Date
EE.01	Sampling of Periphyton	1	5/91
EE.02	Sampling of Benthic Macroinvertebrates	1	5/91
DCN 92.01	EXPIRED (Clarification of Benthic Macroinvertebrates) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
DCN 93.01	Clarification of Benthic Macroinvertebrates	1	02/17/93
EE.03	Sampling of Plankton	1	5/91
EE.04.	Sampling of Fishes	1	5/91
DCN.92.01	EXPIRED (Add Paper Scale Envelopes)	1	Expired
DCN 92.02	EXPIRED (Clarification of Fish Sampling)	1	Expired
DCN 92.03	EXPIRED (Clarification of Fish Sampling)	1	Expired
DCN 92.04	EXPIRED (Clarification of Fish Sampling)	1	Expired
DCN 92.05	EXPIRED (Clarification of Fish Sampling)	1	Expired
*DCN 93.01	DCN Extensions (to above)	1	03/18/93
EE.05	Sampling of Large Mammals	1	5/91
EE.06	Sampling of Small Mammals	1	5/91
EE.07	Sampling of Birds	1	5/91

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Environmental Management**

Procedure No.	Title	Rev. No.	Effective Date
EE.08	Sampling of Reptiles and Amphibians	1	5/91
EE.09	Sampling of Terrestrial Arthropods	1	5/91
EE.10	Sampling of Vegetation	1	5/91
DCN 91.01	Superseded by DCN # 92.01	1	08/11/92
DCN 92.01	EXPIRED (To Clarify Methods for Conducting Vegetation Surveys) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
DCN 93.01	To Clarify Methods for Conducting Vegetation Surveys	1	02/17/93
EE.11	Identification of Habitat Types	1	5/91
EE.12	Sampling of Soil for Soil Description	1	5/91
EE.13	Development of Ecology Field Sampling Plans	1	5/91
DCN 91.01	Superseded by DCN # 92.01	1	08/11/92
DCN 92.01	EXPIRED (The Outline for a Field Sampling Plan is Modified) This DCN was extended by DCN 93.01 dated 2/17/93	1	Expired
DCN 93.01	The Outline for a Field Sampling Plan is Modified	1	02/17/93
APPA	Appendix A: Species Codes Assignment of Species Codes	1	5/91
APPB	Appendix B: Wildlife Habitat Code Assignment of Wildlife Habitat Codes	1	5/91

This is a
CONTROLLED DOCUMENT ENVIRONMENTAL MANAGEMENT
 EG&G - ROCKY FLATS PLANT
ENVIRONMENTAL MANAGEMENT DOCUMENT CHANGE NOTICE (DCN)
 This is a RED Stamp

Procedure Number 5-21200-OPS-EE.04, Rev. 1, DF

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Title <u>Sampling of Fishes</u>	Date <u>3-17-93</u> <u>SLP</u>	DCN Number <u>93.01</u> <u>SLP</u>
Expires <u>3-17-94</u> <u>SLP</u>	Procedure Revision Required <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Scope Limitation <u>None</u>		

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
1	4	5.0	Add: "vials or scale envelopes" to the end of the tenth bullet. (To replace DCN 92.01)
2	6	6.2.1	In the third sentence, add: "lake or" before "pond" and "by floats or" before "by stakes". (To replace DCN 92.03)
3	7	6.2.3	Add the following sentence after the fifth sentence in first paragraph. "If a block net is used, electrofishing may proceed upstream or downstream, towards the blocking net." (To replace DCN 92.04)
4	8	6.2.5	In the first paragraph, delete "weight" in the second sentence and add the following after the second sentence: "Weight would be recorded for individuals of the more common species, and for all fish saved for tissue analyses." (To replace DCN 92.05 #1)
5	8	6.2.5	In the first paragraph, fifth sentence, add "scale envelopes" after "small vial" and replace "sample number assigned" with "information needed to tie the scales." (To replace DCN 92.05 #2)

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

1-9. This is an extension for expired DCNs 92.01, 92.03, 92.04, 92.05 during which time the SOP is being revised to incorporate these DCNS.

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

Concurrence	Organization	Req	Date	Concurrence	Organization	Req	Date
<i>[Signature]</i>	QAPM	X	3/16/93	<i>[Signature]</i>	User	X	3/9/93
<i>[Signature]</i>	EOM	X	3/11/93	<i>[Signature]</i>	EQS	X	3-9-93
Approval of Responsible Manager <i>[Signature]</i>		Date 3/9/93		Is Posting Req'd? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		If Yes, By What Date? upon receipt	
						Date Posted	

DCN Form 001

MAR 17 1993

DOCUMENT CHANGE NOTICE (DCN)
(continuation sheet)

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DCN Number
93.01 SERP

46 3-17-93 SERP

Procedure Number 5-21200-OPS-EE.4, Rev. 1, DF	Title Sampling of Fishes
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Scope Limitation None

Item Number	Page	Step or Paragraph	Changes (Use DCN CONTINUATION SHEET for Additional Space)
6	8	6.2.5	In the first paragraph, third sentence from the bottom, add "plastic bag," after "teflon bags" (To replace DCN 92.05 #3)
7	8	6.2.5	In the first paragraph, third sentence from the bottom, add "fresh ice," after "Blue ice." (To replace DCN #92.05 #4)
8	8	6.2.5	In the first paragraph, replace the second to the last sentence with the following: "Fish should be maintained in the cooler for no more than 4 to 6 hours before being taken to the laboratory (if local) or place in a refrigerator. Tissue samples (whole body, muscle, or other organs) should be prepared and frozen within 48 hours after collection. Tissue samples to be analyzed for metals or radionuclides may be refrigerated up to 48 hours, but tissues for organic volatiles should be frozen within 12 hours." (To replace DCN 92.05 #5)
9	9	6.2.5	Also, add "Frozen" to before "Fish" and delete "field" in the last sentence. In the second line, first sentence, delete "ice-cold." (To replace DCN 92.05 #6)

Justification (Reason for Change – Provide Numbers To Reference Corresponding Items Above)

See justification on page 1.